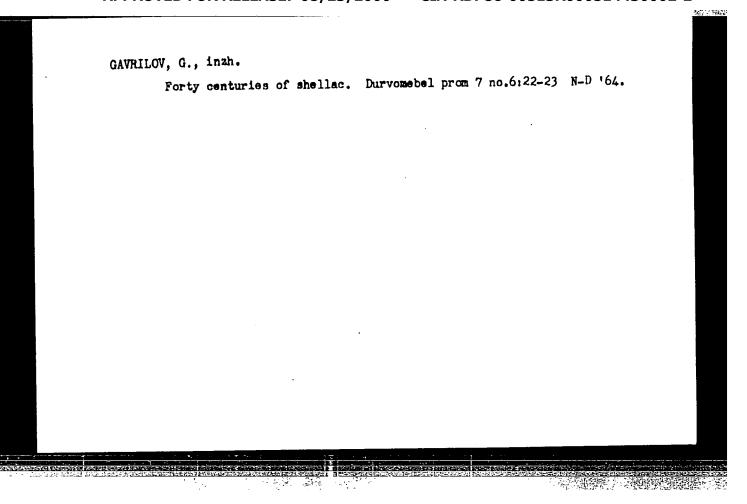
GAVRILOV, G.: Yakobashvili, A.

Self-dumping truck train. Avt. transp. 37 no.5:51 My '59.
(MIRA 12:8)

(Dump trucks)

GAVRILOV, G.; YAKOBASHVILI, A.

Operating self-dumping tractor trains. Avt.transp. 40 no.3:21-23 Mr '62. (MIRA 15:2)



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S/139/60/000/01/035/041 E201/E391

AUTHOR: Gavrilov, G.A.

TITLE:

Spectroscopic Investigations of Complex Formation in the

Phenol Initrobenzene System

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika,

1960, Nr 1, pp 208 - 216 (USSR)

ABSTRACT: The author obtained the ultraviolet (220-450 mm) absorption spectra (Figures 1 and 2, Table 1) of vapours and n-hexane

solutions of the system and of pure substances, using a spectrophotometer SF-4. The spectra of nitrobenzene and phenol obtained in this way agreed well with the published

data (Refs 10-12). The author measured also the optical densities of several series of isomolar solutions of the system in the visible region of wavelengths (Figures 3, 4). From

the visible region of wavelengths (rigures 3, 4). From the visible absorption spectra the author concluded that complexes with compositions 1:1, 1:2:2:1 are formed. The equilibrium constant $(K_1 \sim 0.05 \text{ litre/mole})$ and the

optical extinction coefficient ($\varepsilon_1 = 2-5$ litre mole cm^{-1})

of the 1:1 complex in the 420-450 mm region were obtained

Card1/3 graphically (Figure 5 and Table 2). For the

S/139/60/000/01/035/041 E201/E391 plex Formation in the

Spectroscopic Investigations of Complex Formation in the Phenol-nitrobenzene System

(phenol)₂:(nitrobenzene) complex the author found $K_2(\varepsilon_2-\varepsilon_0)$ in the 420-430 mm region (Figure 6 and Table 3) and $\varepsilon_2=0.6$ at 421 mm; here K_2 is the equilibrium constant of the complex and ε_2 ; ε_0 are the optical extinction coefficients of the complex and of pure nitrobenzene, respectively. The values of $K_2(\varepsilon_2-\varepsilon_0)$ were 0.0007, -0.0013 and -0.0025 for 420, 425 and 450 mm, respectively (Table 3). Acknowledgments are made to Professor N.A. Prilezhayeva, who directed this work, and to V.I. Danilova for their advice. There are 6 figures, 3 tables and 20 references, 9 of which are Soviet, 5 English, 3 German and 3 French.

Card2/3

5/139/60/000/01/035/041

Spectroscopic Investigation of Complex Formation in the Phenol-nitrobenzene System

ASSOCIATION: Sibirskiy fiziko-tekhnicheskiy institut pri
Gor'kovskom gosuniversitete imeni V.V. Kuybysheva
(Siberian Physico-technical Institute at Tomsk State
University imeni V.V. Kuybyshev)

SUBMITTED: April 24, 1959

Card 3/3

GAVRILOV, G.A.; CHANYSHEVA, I.S.

Studying the molecular interaction of nitrobenzene with dihydroxybenzenes and aniline by means of the electron absorption spectrum. Izv.vys.ucheb.zav.;fiz. no.2:210-216 '60. (MIRA 13:8)

Mature of intermolecular interaction between phenol and nitrobenzene.

Izv. vys. ucheb. zav.; fiz. no.6:173-174 '60. (MIRA 14:3)

1. Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom gosuniversitete imeni V.V. Kuybysheva.

(Phenol) (Benzene)

S/139/60/000/006/031/032 E201/E491

AUTHOR .

TITLE

On the Nature of The Intermolecular Interaction

Between Phenol and Nitrobenzene

PERIODICAL Izvestiya vysshikh uchebnykh zavedeniy, Fizika,

1960, No,6, pp.173-174

TEXT. Electronic spectra have been used to study complex formation in phenol-nitrobenzene (Ref.,1) and dioxybenzenenitrobenzene (Ref.2,3) systems The present note described an investigation of the bonding mechanism of phenol-nitrobenzene complexes using the infrared absorption spectra of solutions of phenol in carbon tetrachloride (Curve 1 in Fig,1) and of phenol in nitrobenzene (Curve 2 in Fig. 2). The spectra were recorded in the 2.5 to 3.5 µ region, representing the fundamental valence vibrations of the OH group, using a spectrophotometer NKC-6 (IKS-6) Lack of the 2.95 µ band, characteristic of hydrogen bonding, in Curve 2 indicated that phenol-nitrobenzene complexes

Card 1/2

S/139/60/000/006/071/032 E201/E491

١.

On the Nature of the Intermolecular Interaction Between Phenol and Nitrobenzene

were formed by donor-acceptor bonds. There are 1 figure and 5 references: 4 Soviet and 1 non-Soviet (translated into Russian)

ASSOCIATION Sibirskiy fiziko-tekhnicheskiy institut pri Tomskom

gosuniversitate imeni V.V.Kuybysheva

(Siberian Physicotechnical Institute at Tomsk State

University imeni V.V.Kuybyshev)

SUBMITTED: April 13, 1960

Card 2/2

L 10312-63

BDS--JXT(DE)

ACCESSION NR: AP3001455

\$/0187/63/000/005/0001/0008

AUTHOR: Gurevich, S. B.; Breydo, I. I.; Gavrilov, G. A.

TITLE: Signal-to-noise ratio measurement and gradation vs. frequency characteris-

tic of photographic materials

SOURCE: Tekhnika kino i televideniya, no. 5, 1963, 1-8

TOPIC TAGS: photomaterial characteristics, Mikrat, Kinopositiv, AM-1 Kinonegativ, R-30 Ferrania Kinonegativ, Panchrom, Agfa Dispositiv, Agfa Isochrom, Agfa Gelb rapid, Agfa Astro, Ilford ordinary

ABSTRACT: Data on photonoise (granularity) and on signal-to-noise ratio for various photomaterials were practically nonexistent in the Soviet literature. The article offers a description of the apparatus used in experiments and the photonoise and signal-to-noise-ratio data for a number of Soviet and German films (Mikrat, Kinopositiv, Kinonegativ, Panchrom) and plates (Agfa, Ilford ordinary). Numbers of gradtions discernible on 100- and 2,500-sq.-micron areas are given. Table 2 (see Enclosure) compares characteristics of Soviet, German, and American photomaterials. From the experimental gradation-frequency curves, it was found that the panchromatic fine-grain film, Agfa Diapositiv plates, and MZ cinema positive film have the highest resolution, while the P-10 film and Agfa Astro plates, and 1/72 Card

L 10312-63

ACCESSION NR: AP3001455

the lowest. It is claimed that the error associated with the method of noise measurement is 4-8 per cent. Orig. art. has: 11 formulas, 8 figures, and 2 tables.

ASSOCIATION: Fiziko-tekhnicheskiy institut imeni A. F. Ioffe AN SSSR, Glavnaya astronomicheskaya observatoriya AN SSSR (Physicotechnical Institute, AN SSSR, Main Astronomical Observatory)

SUBMITTED: 00

DATE ACQD: 17Jun63

ENCL: 01

SUB CODE: PG

NO REF SOV: 001

OTHER: 002

Card 2/3/2

ACCESSION NR: AP3003607

\$/0077/63/008/004/0284/0292

AUTHORS: Breydo, I. I.; Gavrilov, G. A.; Gurevich, S. B.; Markelova, A. A.

TITLE: Photographic noise and the signal/noise ratio of various photographic materials

SOURCE: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii, v. 8, no. 4, 1963, 284-292

TOPIC TAGS: photography, noise, photographic noise, signal/noise ratio, photographic material, MF 4 microphotometer, KMVL 1 quadratic millivoltmeter, M 95 microamperemeter, Agfa photo plate, Ilford photo plate, photographic film, Mikrat film, Mikrat 300 film

ABSTRACT: This work was carried out in order to measure the intensity of noise and the signal/noise ratio of various photographic materials. It was assumed that noise intensity was related to the granularity of material, i.e., the number of the exposed grains in a uniformly illuminated section of the film. The experimental assembly consisted of a modernized MF-4 microphotometer, a KMVL-1 quadratic millivoltmeter, and a M-95 microamperometer. Agfa plates and Ilford plates used

Card 1/2

ACCESSION NR: AP3003607

in astronomy and spectroscopy, and various types of films (including Mikrat films) were studied. It was established that: 1) the noise intensity showed a 3- to 4-fold variation during the transition from fine- to coarse-grained materials; 2) the strongest noise variation was observed in the negative materials; 3) noise intensity of fine-grained negative materials differed little from that of positive materials; 4) the signal/noise ratio at a given film-blackening density depended strongly on the intensity of the fog. For this reason some materials of equal granularity had different signal/noise ratios. Orig. art. has: 3 tables and 6 figures.

ASSOCIATION: Glavnaya astronomicheskaya observatoriya AN SSSR (Main Astronomic Observatory AN SSSR); Fiziko-tekhnicheskiy institut AN SSSR (Institute of Physics and Technology AN SSSR)

SUBMITTED: 23Jul62

DATE ACQ: 02Aug63

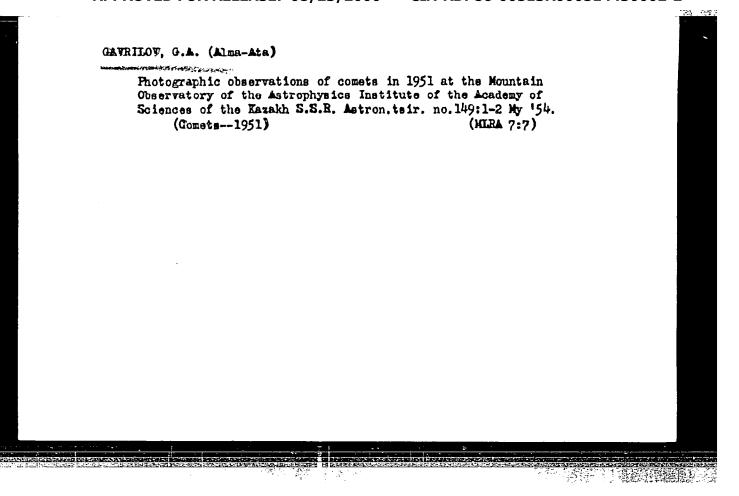
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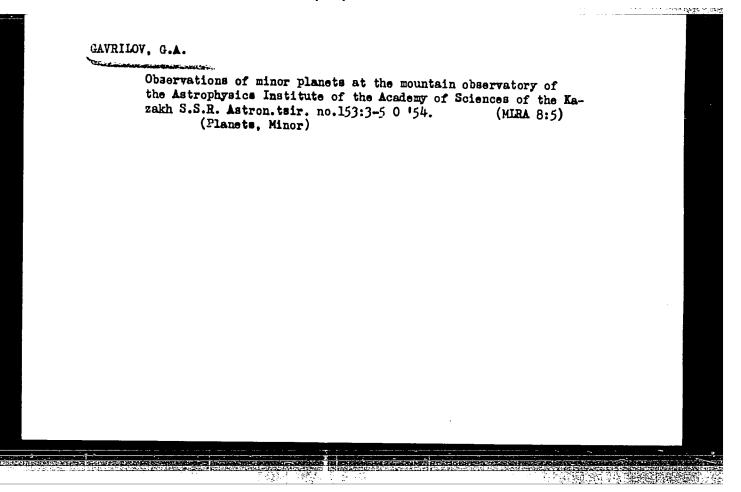
SUB CODE: PH

NO RESP SOV: 006

OTHER: 008

Card 2/2





BREYDO, I.I.; GAVRILOV, G.A.; GUREVICH, S.B.

Measuring the "Signal-to-noise" ratio in photography. Zhur.nauch.i prikl.fot. i kin. 7 no.3:221-223 My-Je '62. (MIRA 15:6)

1. Glavnaya astronomicheskaya observatoriya AN SSSR i Fizikotekhnicheskiy institut AN SSSR imeni A.F.Ioffe. (Photographic sensitometry)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514430002-2"

GUREVICH, S.B.; BREYDO, I.I.; GAVRILOV, G.A.

Dependence of photographic noises on the relative amount of developed grains. Zhur.nauch.i prikl.fot.i kin. 7 no.4:306-308 Jl-Ag '62. (MIRA 15:8)

1. Fiziko-tekhnicheskiy institut AN SSSR i Glavnaya astronomicheskaya observatoriya Akademii nauk SSSR. (Photometry) (Photographic emulsions)

GUREVICH, S.B.; BREYDO, I.I.; GAVRILOV, G.A.

Methodology for the measurement of the signal-noise ratio in photography. Usp.nauch.fot. 10:163-170 '64. (MIRA 17:10)

Function of the distribution of the number of developed grains and dependence of photographic noises on the optical density of blackening. Ibid.:171-174

20

L 10458-67 EWT(1) ACC NR. AP6023880 SOURCE CODE: UR/0109/66/011/007/1327/1329 AUTHOR: Peknyy, L. A.; Gavrilov, G. A.; Gurevich, S. B.

ORG: Physico-Technical Institute im. A. F. Ioffe, AN SSSR (Fiziko-tekhnicheskiy institut AN SSSR)

TITLE: Measuring signal-to-noise ratio in electron-optical amplifiers 15

SOURCE: Radiotekhnika i elektronika, v. 11, no. 7, 1966, 1327-1329

TOPIC TAGS: electron optical amplifier, electronic amplifier .

ABSTRACT: To date, the noise in electron-optical amplifiers has been evaluated either qualitatively or theoretically (S. B. McLane et al., Rev. Sc. Instr., 1964, 35, 10, 1297). The present article describes the method and the results obtained in the measurement of the signal-to-noise ratio (SNR) at the amplifier output. The method is similar to that used in photography. The luminous flux at the amplifier output was varied by neutral light filters; the cell area was set by an adjustable slit; the frequency band was fixed by suitable frequency filters. This formula was used: SNR = $(i - i_d)R/\sqrt{U_H^2}$, where i - photomultiplier current proportional to the

luminous flux, i_d - dark current, R - load resistance (1 Mohm), $\sqrt{U_n^2}$ - rms noise voltage indicated by an rms millivoltmeter. It was found that the slit shape does not affect the measured SNR; the SNR value essentially depends on the slit-cut area and vary slightly with this area location. An SNR = 15 was measured in an amplifier having a gain of 8.6 x 104, an imput illumination of 0.005 lux, and an area of 02 x 04 mm2. Orig. art. has: 1 figure and 1 formula. Card 1/2

UDC:621.317.346:621.383.8

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GAVERLOV, G.B., Sind Had Sei — (disc) On the neuro-humoral changes in blood transfusion and their significance in the pathogenesis of post-transfusion reactions." Eharthov, 195. 11 pp (Eharthov Med Inst). 200 copies (EL, 37-59, 111)

69

ARLOZOROV, Z.G., starshiy nauchnyy sotrudnik; SHRAGO, M.I., nauchnyy sotrudnik;

GAYRILOV, G.B.; OST, I.A.

Role of the nervous system in the mechanism of reactions following blood transfusions. Vop.perel.krovi 4:43-50 155. (MIRA 9:12)

(NERVOUS SYSTEM) (BLOOD--TRANSFUSION)

- probably G.B. GAVRILOV, G. 2.

FA 29/49T54

UBSR/Medicine - Reproduction Medicine - Zoology

"Problem of the Time of Multiplication of Amphipoda and Isopoda of Lake Baykal," G. G. Gavrilov, Baykal Limnol Sta, Acad Sci USSR, 4 pp

"Dok Ak Nauk SSSR" Vol LXIV, No 5

1970年 海難 经销售 1985年

Bazikalov had gathered material on the reproduction time of 33 forms of Amphipoda of Lake Baykal. This work supplements Bazikalov's, adding 20 more forms of Amphipoda, 19 of which were not mentioned by Bazikalov, and two forms of coastal Isopoda. Submitted by Acad D. V. Malivkin, 13 Dec 48.

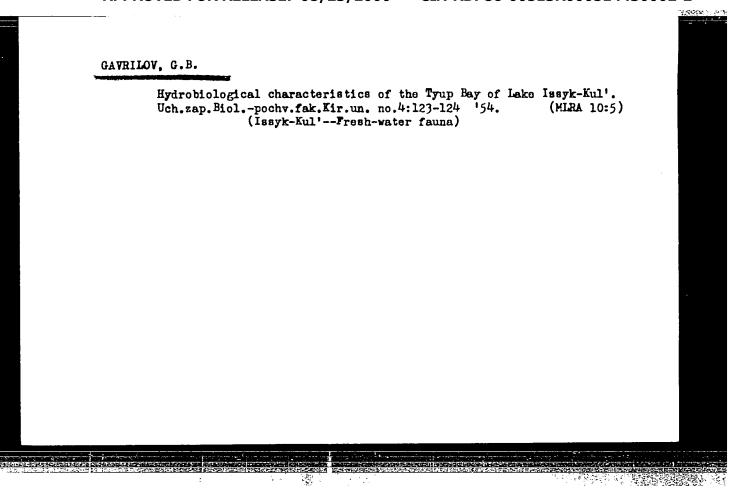
29/49754

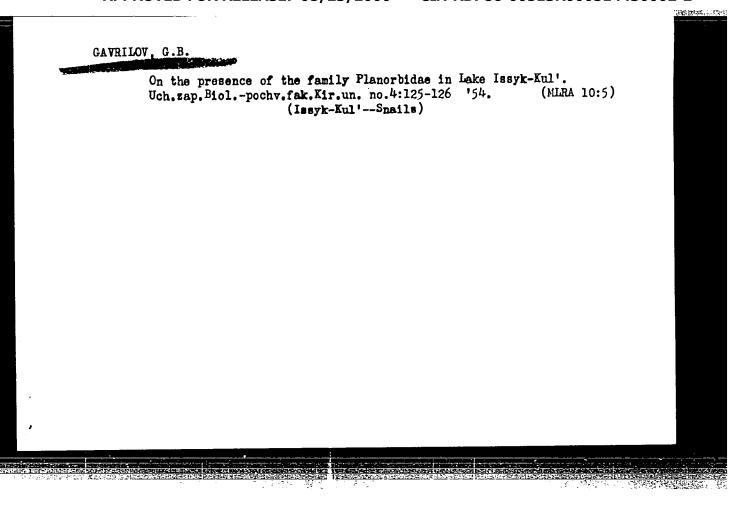
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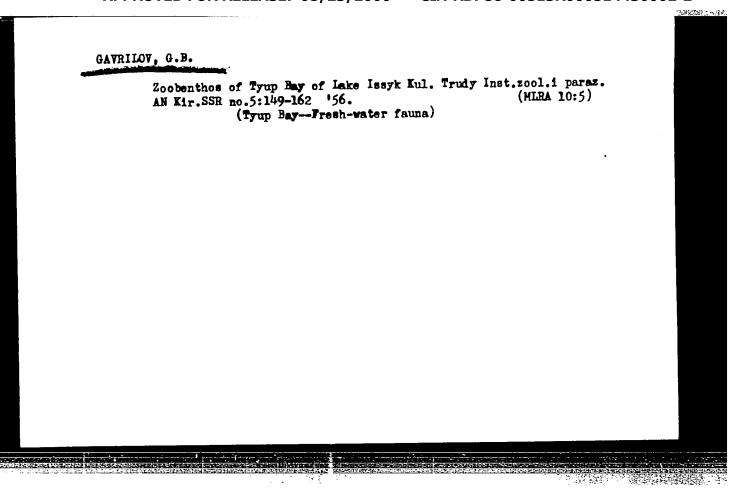
GAVRILOV, G.B.

Propagation of the Baikal mollusk Baicalia herderiana Ldh. and others. Zool. zhur. 32 no.5:840-843 S-0 '53. (MLRA 6:10)

 Irkutskaya nauchno-issledovatel'skaya geofizicheskaya observatoriya. (Baikal, Lake--Mollusks) (Mollusks--Baikal, Lake)



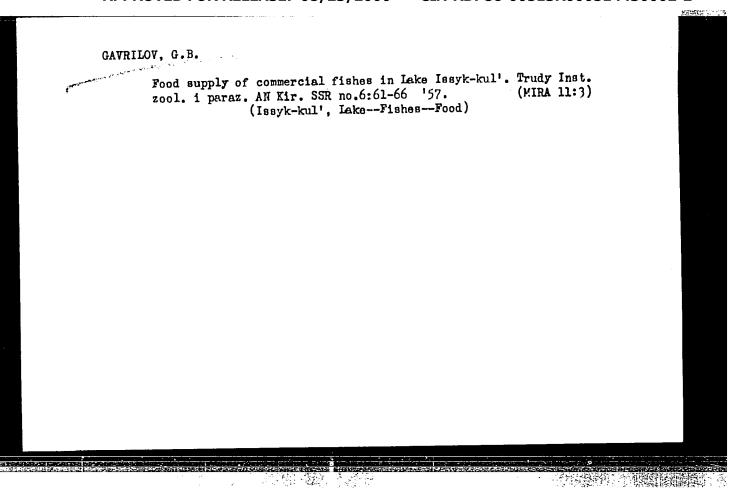




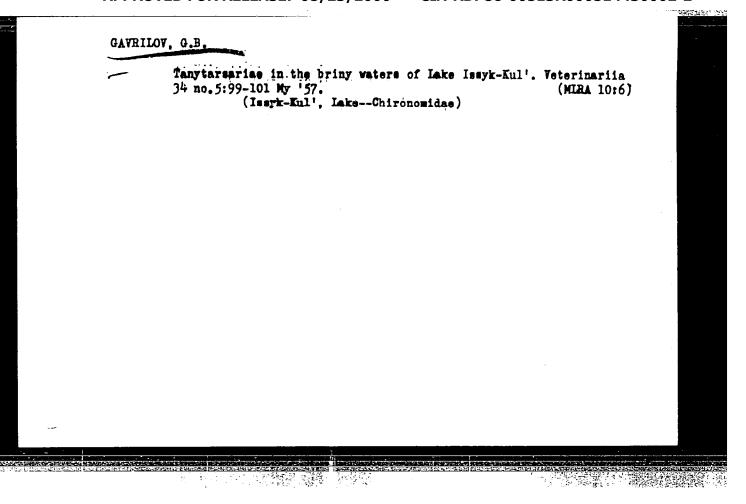
Endemic animals of Janyk Kul (the mollusk Caspia issykkulensis clessin and amphipod Issykogammarus hamatus chevreux) in Tyup Bay.

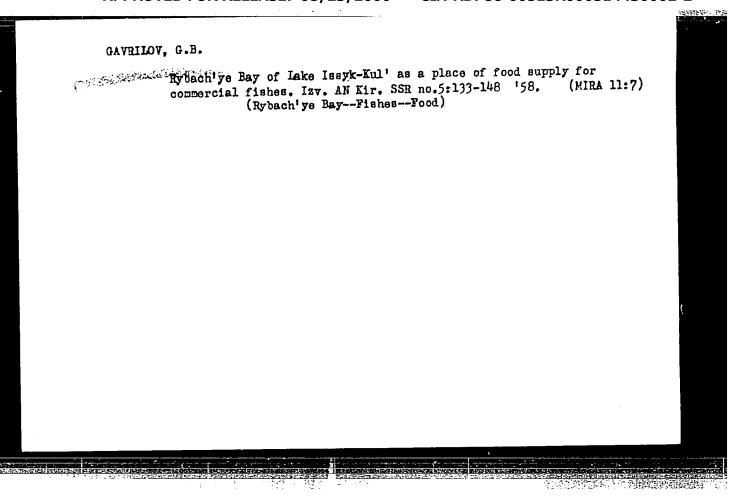
Trudy Inst.zool.i paras.AN Kir.SSR no.5:165-167 '56.

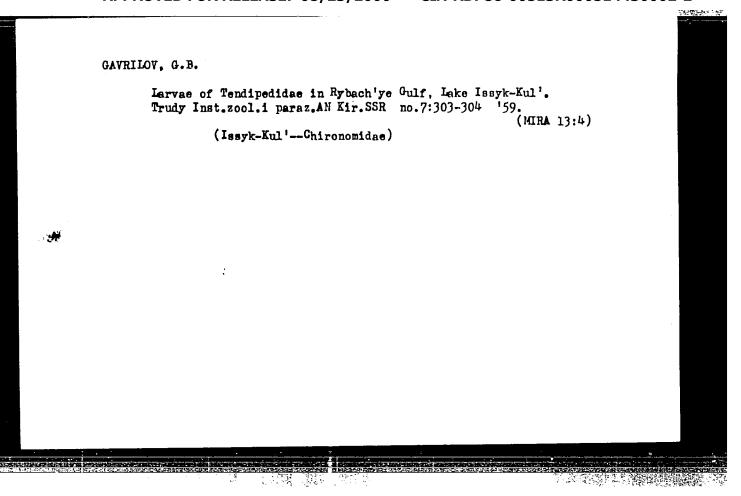
(Tyup Bay--Fresh-water fauna)

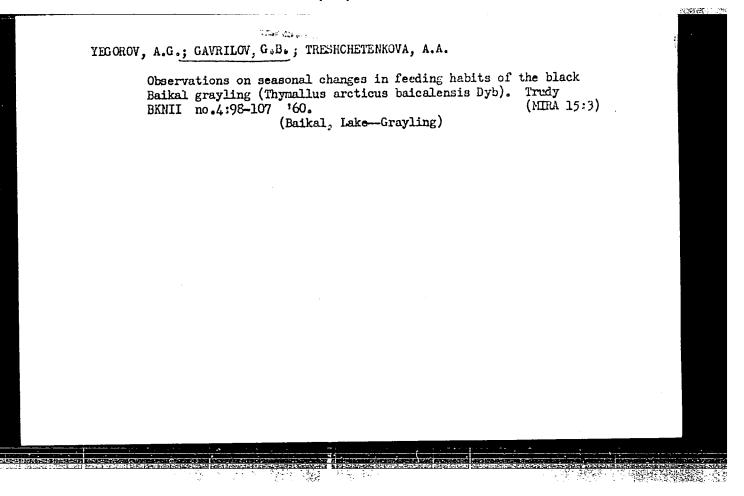


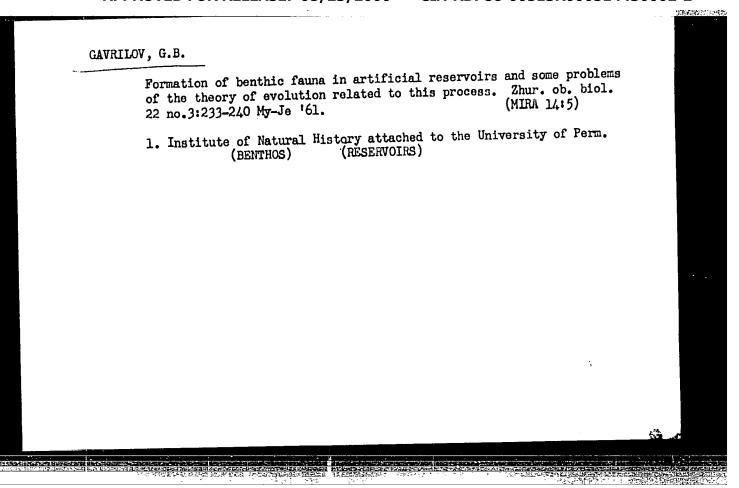
CAVRILOV, C.B. Endemic crustacean of Lake Issyk-Kul' from the Tyup Bay. Trudy (MIRA 11:3) Gidrobiol. ob-va 8:275-277 '57. 1. Iaboratoriya ikhtiologii i gidrobiologii Kirgizskoy AN. (Issyk-Kul'--Amphipoda)









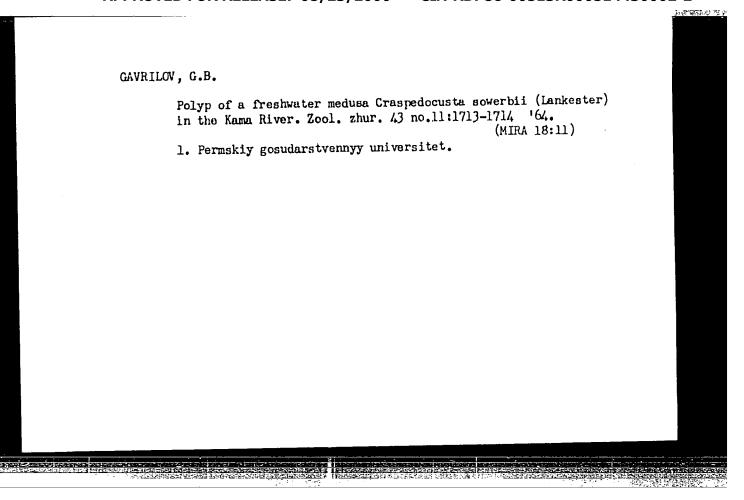


GAVRILOV, G. B.; GESHVANTNER, R. A.

Transfusion of dry plasma following prolonged periods of preservation. Probl. gemat. i perel. krovi no.4:50-51 '62. (MIRA 15:4)

1. Iz Ukrainskogo nauchno-issledovatel skogo instituta perelivaniya krovi i neotlozhnov khirurgii (dir. - dotsent L. A. Ripyakh)

(BLOOD-_COLLECTION AND PRESERVATION)
(BLOOD-_TRANSFUSION)



GAVRILOV, G.G., insh.; KUTMAN, B.L., inzh.

SNATI measuring device for fuel consumption. Elek.sta. 28 no.12:11-12

D '57.

(Goal, Pulverized---Measurement)

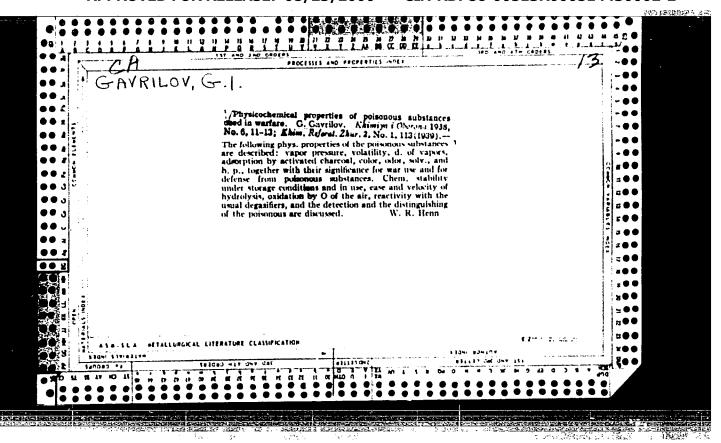
KUTMAN, B.L., inzh.; GAVRILOV, G.G., inzh.; YANOCHKOV, I.Ya., inzh.

Adoption of new highly economical fans. Elek.sta. 31 no.2:
15-20 F '60. (MIRA 13:5)

(Fans, Mechanical)

MORDUKHOVICH, I.L.; GAVRILOV, G.G.; SOFRYGIN, V.P.

Drilling holes with a hydrodrill. Sbor. nauch. trud. Kaz CMI
(MIRA 15:3)
no.19:54-65 '60.
(Boring machinery--Hydraulic drive)



GAVRILOV, G. I., YAKUEOVICH, A. Ya., MAKAROV, S. P., GINSBURG, G. I. and MERKULOVA, Ye. M.

"Synthesis of Hetero-Organic Compounds by the Diazo Method. Synthesis of Compounds
Elements of Group IV," Dokl. AN SSSR, 72, pp 69-72, 1950

YAKUBOVICH, A.Ya.; MAKAROV, S.P.; GAVRILOV, G.I.

Synthesis of heterogramic compounds of the aliphatic series by the disso method. IV. Synthesis of compounds of elements of group IV.

Organotin compounds. Ehur. Obshchey Khim. 22, 1788-93 '52.

(GA 47 no.1819257 '53)

(MLRA 5:11)

GAYRILOV, G.I.

TAKUBOVICE, A.Ya.; MERKULOVA, Ye.W.; MAKAROV, S.F.; GAVRILOV, G.I.

Synthesis of heteroforganic compounds of the aliphatic series by the diago method. V. Synthesis of compounds of elements of group IV - organolead compounds. Enur. Obshoby Khim. 22, 2060-3 '52.

(QA 47 no.1819257 '53)

(QA 47 no.1819257 '53)

GAVRILOV, G. 1.			See Section 1997
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ACC NR: AM6021853 Monograph

Gavrilov, Gleb Konstantinovich

Approximation methods of analysis of transients (Priblizhennyye metody analiza perekhodnykh protsessov) Moscow, Izd-vo "Sovetskoye radio," 1966, 151 p. illus., biblio. 12,500 copies printed

TOPIC TAGS: linear aperiodic system, transient process, automatic regulation, approximation method, linear system, Laplace transform, data sampling

PURPOSE AND COVERAGE: The book provides the mathematical apparatus necessary for the analysis of transient processes in linear aperiodic systems. This apparatus may also be used for computation of nonlinear systems in which the method of piecewise linear approximation can be applied effectively. Thus, the mathematical apparatus presented in the book can be used, for example, for the computation of various sampled-data schemes or for the analysis of transient processes in automatic regulation systems. The book gives examples of the application of this apparatus for the analysis of some sampled-data schemes in semiconductor instruments. The book is intended for engineers working on the design of radio devices; it can also be used by graduate students of radio engineering departments.

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Foreword -- 3

Card 1/2

UDC: 621.3.018.782:518

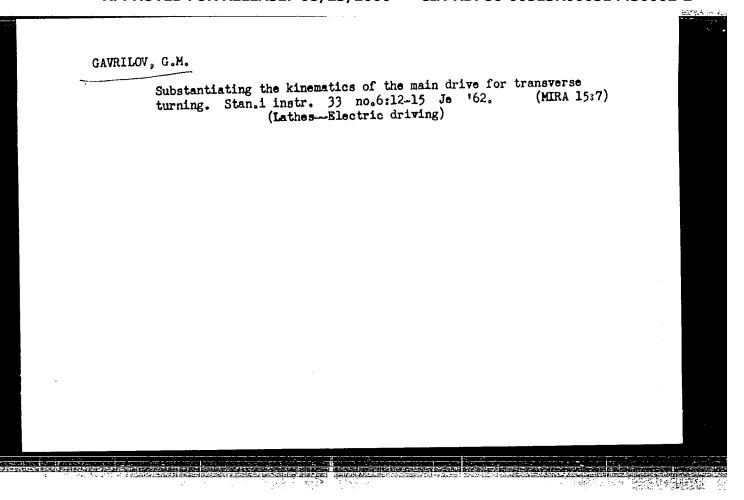
*ACC NRi AM6021853	
Introduction 5	
Ch. 1. General properties of the inverse Laplace transforms of the fractional-rational functions 9	
Ch. 2. Integral estimates of pulse form 31	
Ch. 3. Approximate representation of inverse Laplace transforms for arbitrary time values 46	
.Ch. 4. Approximate representation of inverse Laplace transforms for large time values 65	
Ch. 5. Approximate representation of inverse Laplace transforms for small time values 88	
Ch. 6. Methods for simplifying the numerator of a fractional-rational function 102	
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Appendix 3 144	
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SUB CODE! 12,13 SUBM DATE: 15Feb66/ ORIG REF: 018/ OTH REF: 001	
Card 2/2	
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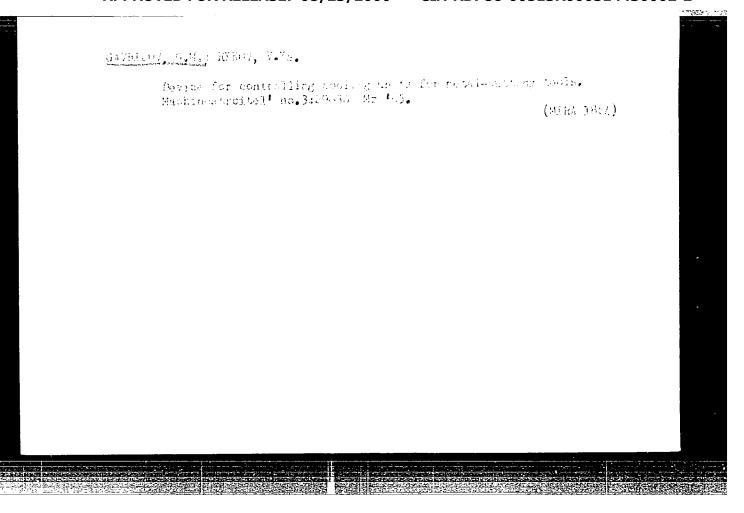
CHIRKIN, S.I.; QAVRILOV, G.M., redaktor; GLADKIKH, N.N., tekhnicheskiy redaktor

[Safety engineering in the exploitation of industrial steam boilers, vessels operating under pressure, compressors, and pipe lines] Tekhnika bezopasnosti pri ekspluatatsii promyshlennykh parovykh kotlov, sosudov, rabotaiushchikh pod davleniem, kompressorov i truboprovodov. Moskva, Gos. izd-vo obor. promyshl., 1955. 136 p.

(MIRA 9:10)

(Pressure vessels -- Safety measures)





5

16(1) AUTHOR:

Gavrilov, G.P.

SOV/20-128-1-4/58

TITLE:

Certain Conditions for Completeness in Countable-Valued Logic

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 1, pp 21-24 (USSR)

ABSTRACT:

with the power w, and the values of which lie in this set. The subset W is called complete system in P, , if its closure with respect to the superposition (see / Ref 1 /) is identical with Pw. . The subset W is called precomplete class, if it is no complete system, but becomes a complete system by adding an arbitrary function belonging to Pww and

not to NC. The knowledge of the precomplete classes yields necessary conditions for the completeness of a system of functions. In the present paper the author gives two precomplete classes and formulates two criteria of completeness for special systems. Altogether there are 4 theorems. The paper is a summary of the certificate of the author (1958) and is based on the investigations of S.V. Yablonskiy / Ref 1,2 /.

Card 1/2

Certain Conditions for Completeness in Countable-Valued Logic

30V/20-128-1-4/58

The author thanks S.V. Yablonskiy. He mentions A.V.

Kuznetsov.

There are 2 tables, and 2 Soviet references.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni ".V.Lomonosova

(Moscow State University imeni M.V. Lomonosov)

PRESENTED:

May 14, 1959, by A.H. Kolmogorov, Academician

SUBMITTED: May 13, 1959

Card 2/2

11100

S/123/61/000/010/014/016 A004/A104

AUTHORS:

Shibalov, I. N., and Gavrilov, G. P.

TITLE:

Fabrication of steam passing parts of experimental turbines and

compressors

PERIODICAL:

Referativnyy zhurnal, Mashinostroyeniye, no. 10, 1961, 17, abstract 10I135 (V sb. "Issled. elementov parovykh i gaz. turbin i osevykh kompressorov". [Tr. Leningr. metallich. z-da, 5], Moscow-Leningrad,

Mashgiz, 1960, 480-486)

TEXT: The authors report on tests of single stages up to 50 mm high and with a mean diameter of 450 mm of the experimental 3TB-1 (ETV-1) air turbine at a pressure of 1.5 kg/cm² and 80°C, n = 10,000 rpm. Two rotor types are utilized single-disk cantilever-type and multistage rotor with several shell-type disks, as well as two guiding devices - a non-detachable one and one split over the diameter. The authors describe the technology of fabricating individual components of steam passing parts, operating and guiding blades, disks, etc. There are 12 figures.

[Abstractor's note: Complete translation]

Card 1/1

BY ALIK, Lev Grigor yevich; GAVRILOV, Georgiy Petrovich; KLENNIKOV, Yevgeniy Vladimirovich; BELOTSERKOVSKAYA, S.I., red.; BODANOVA, A.P., tekhn. red.

[Dump-truck trains; practice of the No.2/ Automotive Transportation Combine at the Main Moscow Automotive Transportation Unit] Samosval'nye avtopoezda; iz opyta avtokombinata No.2/ Glavmosavtotransa. Moskva, Avtotransizdat, 1963. 61 p. (MIRA 17:3)

GAVETLOY, G.P.

Quasi-Peano behavior of functions. Dokl. AN SSSR 156 no. 5: 1011-1013 Je '64. (MIRA 17:6)

1. Smolenskiy filial Moskovskogo energeticheskogo instituta. Predstavleno akademikom P.S.Novikovym.

GAVRILOV, G.P.

Power of sets in closed classes of finite height in P ... Dokl. AN (MIRA 17:10) SSSR 158 no.3:503-506 S '64.

1. Smolenskiy filial Energeticheskogo instituta AN SSSR. Predstavleno akademikom $P_\bullet S_\bullet Novikovym_\bullet$

ACC NR: AM60271423

Monograph

ur/

Yablonskiy, Sergey Vsevolodovich; Gavrilov, Gariy Petrovich; Kudryavtsev, Valeriy Borisovich

Functions of the algebra of logic and Post's classes (Funktsii algebry logiki 1 klassy Posta) Moscow. Izd-vo "Nauka", 1966. 119 p. illus., biblio., index. 10,000 copies printed.

Series note: Matematicheskaya logiki i osnovaniya matematiki

TOPIC TAGS: logic algebra, logic algebra function, cybernetics, algebraic logic, mathematic logic, class theory

PURPOSE AND COVERAGE: This book is intended for all those interested in the algebra of logic and theoretical cybernetics. The work is based on Post's work in the algebra of logic and is essentially a summary of his "Two-valued Iterative Systems", first published in 1941. The general concept of proof, the formulation of many of the lemmas, and some of the reasoning is borrowed from Post's work. However, in an effort to simplify the presentation, the authors obtain a structure for closed classes of logic algebra functions which is simpler than Post's.

TABLE OF CONTENTS [abridged]:

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UDC: 512.8+164

ACC NR: AM6027423 PART I. Ch. I. Basic concepts of the algebra of logic -- 10 Ch. II. Self-duality, monotonic and linear functions of the algebra of logic --22 Ch. III. Types of bases of closed classes -- 39 Ch. IV. Some special closed classes -- 51 PART II. Ch. I. Description of closed classes in C1 -- 70 Ch. II. Construction of a diagram of closed classes -- 92 Summary table of closed clases -- 104 References -- 113 Key to symbols -- 116 Subject index -- 118 SUB CODE: 12/ SUEM DATE: 11Jan66/ SOV REF: 033/ OTH REF: 017/ Card 2/2

MATUSEVICH, L.N., kand.tekhn.nauk, dotsent; GAVRILOV, G.R., inzh.

Surface polishing as a means to control w 13 nerustations. Khim.
mashinostr. no.2:21-23 Mr-Ap '64. (MIRA 17:4)

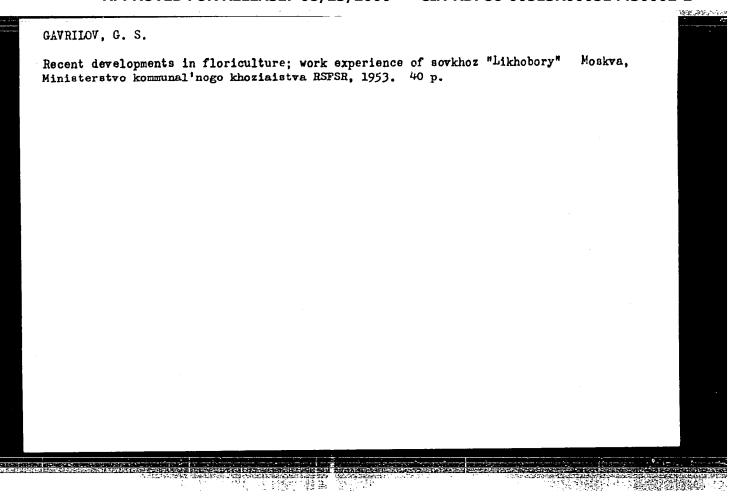
MATUSEVICH, L.N.; GAVRILOV, G.R.

Use of mechanical vibrations for preventing the formation of wall-adhering deposits during crystallization. Zhur. prikl. khim. 38 no.3:494-499 Mr '65. (MIRA 18:11)

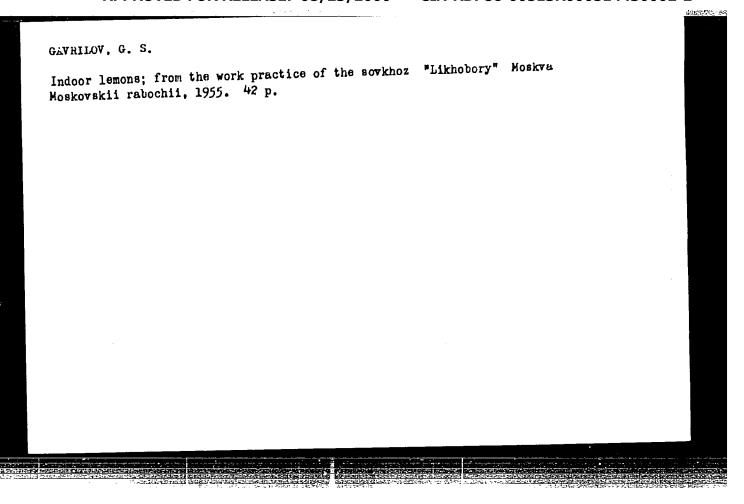
1. Submitted July 17, 1962.

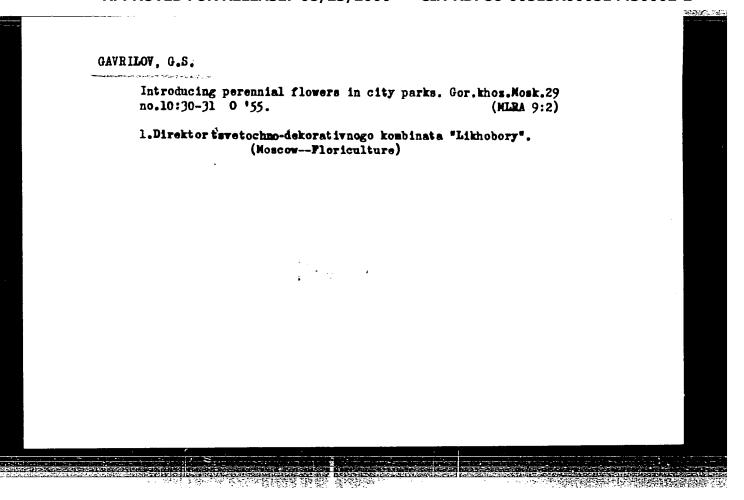
GAVRILOV, G. S.

Reason for the wilting of the hydrangea blossom. Sad. 1 og. No 5, 1952.



-		
	GAVRILOW, G. S.	
	Thericulture	
	Using the spot seeing method of planting in flower gardening. Sad i og. No. 2, 1953.	
	9. Monthly List of Russian Accessions, Library of Congress,	
į.		
## 12 ##		
	(1) メリルは、「対し、サービを取りを終わる場合、「対象を表現的な」。	and the second





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6-5 CAURILOU

USSR/Cultivated Plants. Ornamental.

M-10

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 20610.

Author : G.S. Gavrilov

Inst : Not given.

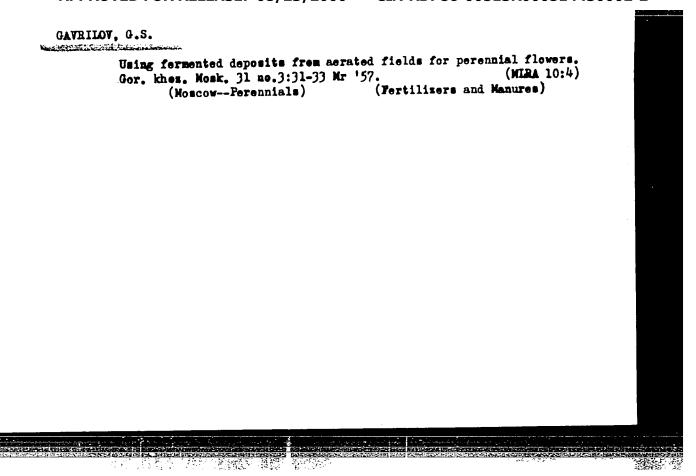
: The Greradine Carration. (Gvozdika grenadin). Title

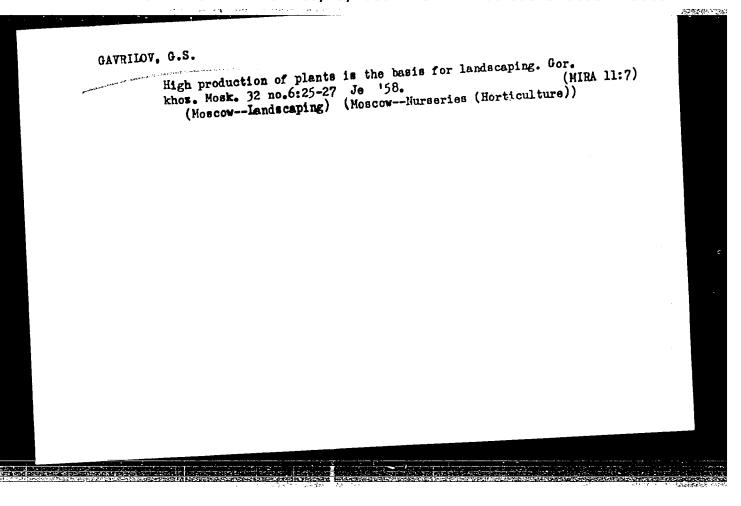
Orig Pub: Sad i ogorod, 1957, No 6, 71-73.

Abstract: The method is described of cultivating the biannual grenadine carnation which was used since 1952 by the "Likhobora" ornamental horticultural combine. The beginning of blossoming in the grenadine carnation coincides with the finishing of florescence in the Barbatus carnation and lasts 2-3 weeks up to the beginning of flowering of the Shabo annual carnation. The decorative value of the grenadine carnation is greater than that of Barbatus and is hardly inferior

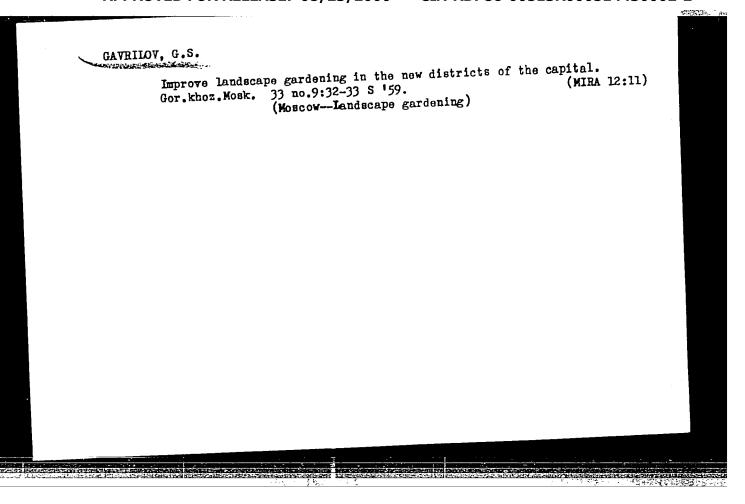
to the Shabo.

: 1/1 Card





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GAVRILOV, G.V. (Nikolayev) Gibberellin in a vineyard. Priroda 52 no.2:80 163. (MIRA 16:2) (Grapes) (Gibberellin)

USPENSKIY, Anatoliy Anatol'yevich, kand. ekonom. nauk, dots.;

ZAMYATIN, V.N., dots. kand. ekonom. nauk, otv. red.;

GAVRILOV, G.V., red.

[Economic development of the Korean People's Democratic Republic] Ekonomicheskoe razvitie Koreiskoi Narodno-Demokraticheskoi Respubliki. Moskva, Vses. zaochnyi finansovo-ekon. in-t, 1959. 19 p. (MIRA 15:2)

(Korea, North-Economic conditions)

GRAFOV, L.Ye., gornyy inzh.; CORBUSHIN, V.I., V.I.; ZARANKIN, N.Ye.;
DUDNIK,G.N.; BARONSKIY, I.V.; KOSTYUKOVSKIY, V.Ya.[deceased];
LINDENAU, N.I.; BIRYUKOV, R.A.; LISKOVETS, A.R.; MURAV'YEV,
V.P.; FESUN, V.A.; BERDYUGIN, V.A.; BEREZNYAK, M.M.; VASIL'YEV,
YO.I.; KOLLODIY, K.K.; IL'CHENKO, D.F.; YALEVSKIY, D.B.;
GERASIMOV, V.P.; IVANOV, V.V.; GAVRILOV, G.V.; SUROVA, V.A., red.
izd-va; OSVAL'D, E.Ya., red. izd-va; PROZOROVSKAYA, V.L., tekhn.
red.

[Development and improvement in the technology of coal production]
Razvitie i sovershenstvovanie tekhniki dobychi uglia. Moskva, Gospgortekhizdat, 1962. 359 p. (MIRA 16:2)

(Kuznets Basin--Coal mines and mining)

APPROVED FOR RELEASE: 08/23/2000 CIA-RDP86-00513R000514430002-2"

GAVRILOV, I.

On a mechanized track section. Zhel.dor.transp. no.9:77-78 S'47.

(MIRA 8:12)

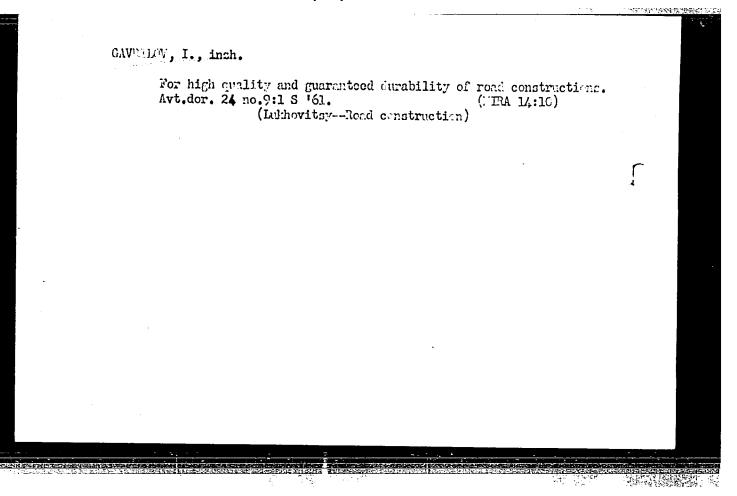
1. Nachal'nik Mozhayskoy distantsii puti Zapadnoy dorogi

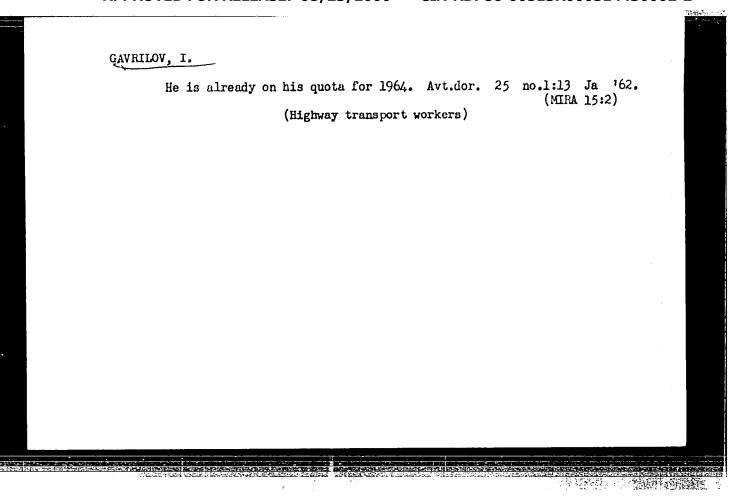
(Railroads--Maintenance and repair)

Affairs and people of the Lukhovitsy District Highway Department.

Avt.dor. 24 no.4:4-6 Ap '61. (MIRA 14:5)

(Lukhovitsy District—Highway department)





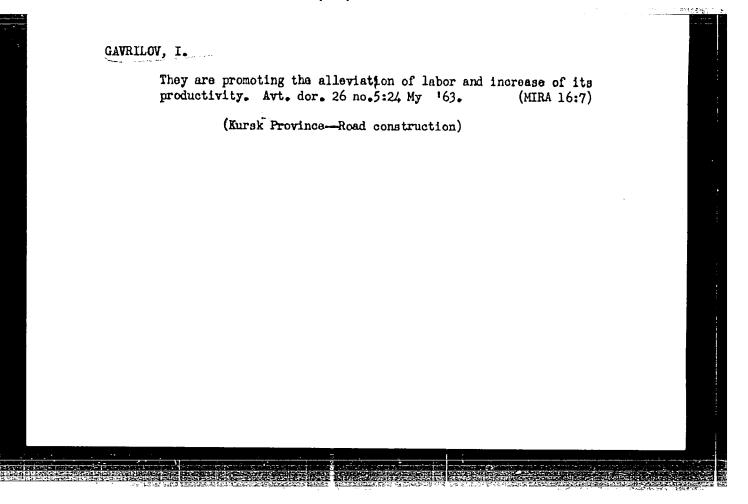
GAVRILOV, I.; VINAROV, A.

The machinery is in reliable hands. Avt. dor. 26 no.2:7-8 F 163.

(MIRA 16:4)

(Krasnoyarsk Territory—Road construction)

D.N.Efanova is the best road foreman of the Kursk Province Road Administration. Avt.dor. 26 no.4:9-10 Ap '63. (MIRA 16:4) (Kursk Province-Roads-Maintenance and repair)

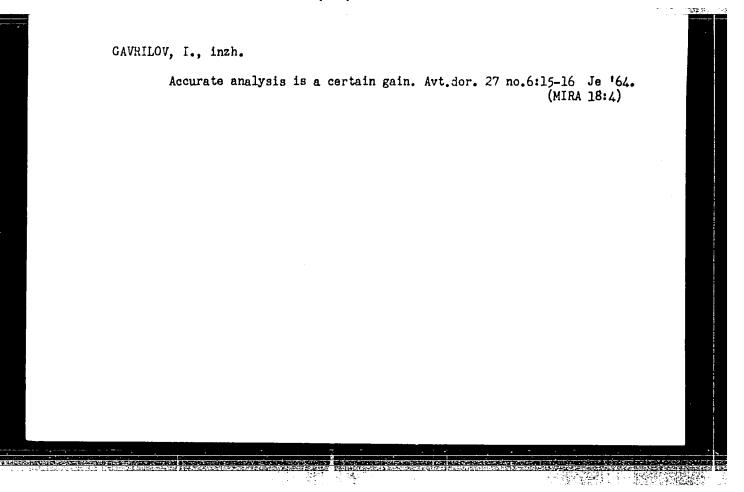


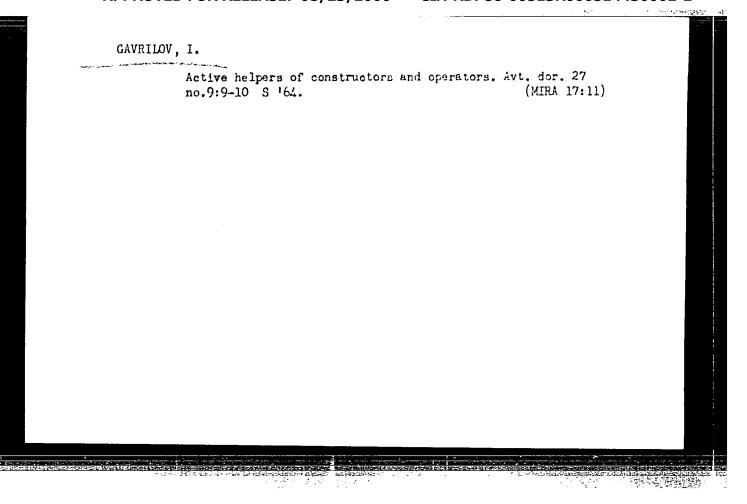
PRUSIKOV, V.; CAVRILOV, I.

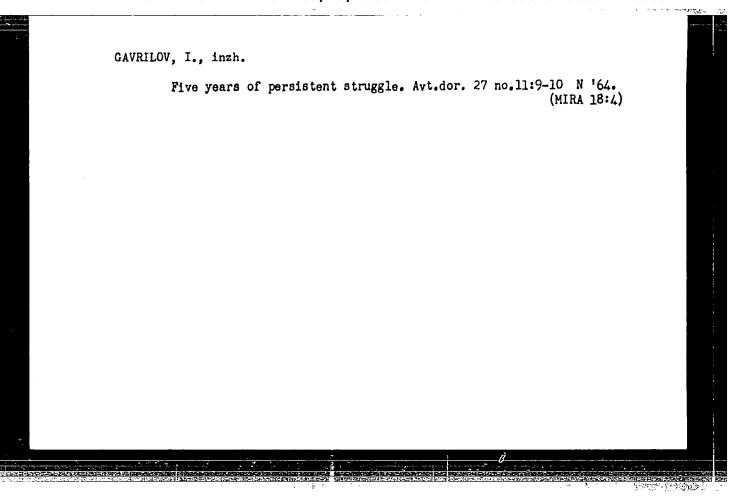
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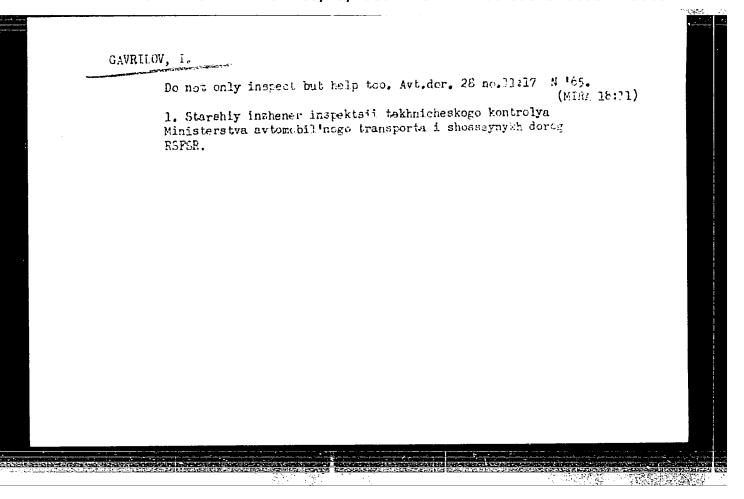
(MIRA 18:9)

1. Kapitan parokhoda "Chuguyev" (for Prusikov). 2. Fervyy pomoshchnik kapitana parokhoda "Chuguyev" (for Gavrilov).









BUYALISKIY, G.; AMDRITEVEKIY, V.; GAVRILOV, I., Inzh.; GTESHEMKO, M.; SIDMRINKO, I.

Outstanding workers. Avt. transp. 43 no.8:6 Ag 165.

(MIRA 18:9)

EVT(d)/EWT(m)/EEG-4/EVP(t)/EED-2/EVP(b) IJP(c) ACCESSION NR: AP5020127 UR/0109/65/010/008/1486/1488 621.376.223.029.64 AUTHOR: Gavrilov, I. A.; Kolachevskiy, N. N. 55.44 TITLE: Evaluation of the noise level of a germanium injection modulator (155 44 SOURCE: Radiotekhnika i elektronika, v. 10, no. 8, 1965, 1486-1488 TOPIC TAGS: injection modulator, free hole lifetime, ferrite modulator, klystron modulator, UHF modulator ABSTRACT: The noise characteristics and the transient and frequency response of injection modulators based on n-type Ge are investigated. Two samples in the form of rectangular prisms (35 x 5 x 3.5 mm), with resistivities of 10 ohm-cm (sample A) and 40 ohm-cm (sample B)) were mounted on the opposite ends of a T-joint waveguide. The measurements were made at 9300 Mc with a modulating signal applied directly to the ohmic contacts. The pulse response of the forward biased junction indicated a free-hole lifetime of 80 µsec for sample A and 200 usec for sample B. Determination of power loss as a function of

L 01826-66

ACCESSION NR: AP5020127

applied d-c current I flowing through the p-n junction showed that the loss at I = 15 μ amp relative to the loss at I = 0 was 2.8 db for sample B and 0.5 db for sample A. The noise level was measured in the following fashion: First, the noise introduced by the signal detectors was calibrated by a klystron modulator modulated by a 25-cps sine wave. Next, the klystron was replaced with the semiconductor modulator (sample B) and the noise level again measured. The negligible difference (4 10%) in readings of the noise spectral density indicates that the noise level of the injection modulators is below 5 x $10^{-16}v^2$ /cps. Orig. art. has: 5 figures. [BD]

ASSOCIATION: none

SUBMITTED: 22May64

ENCL: 00

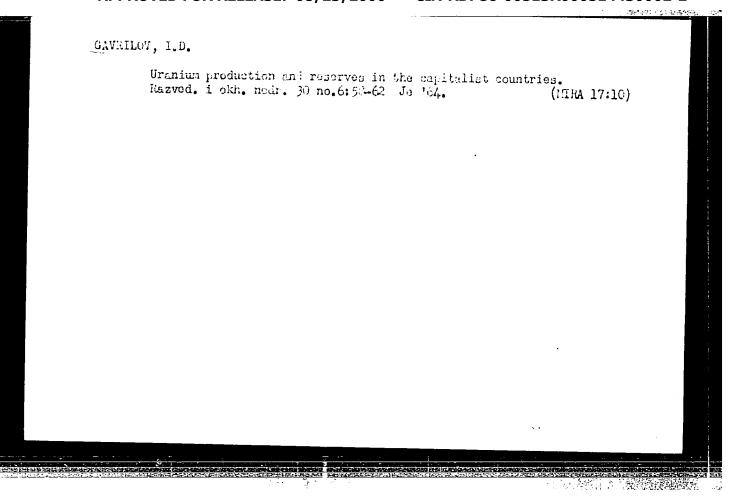
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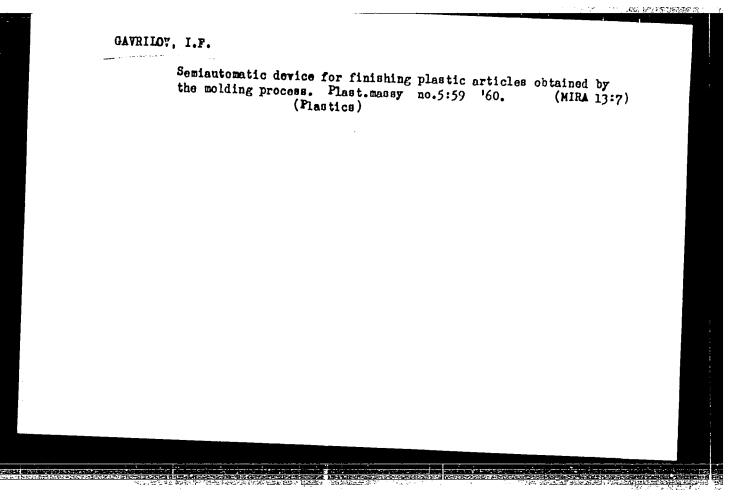
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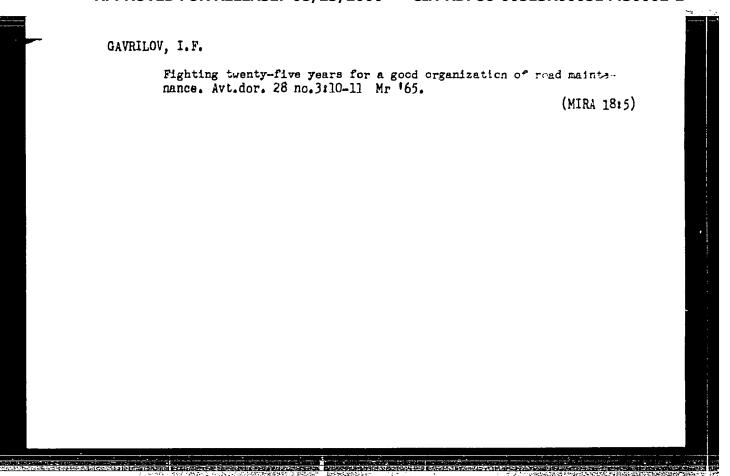
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ATD PRESS:4086

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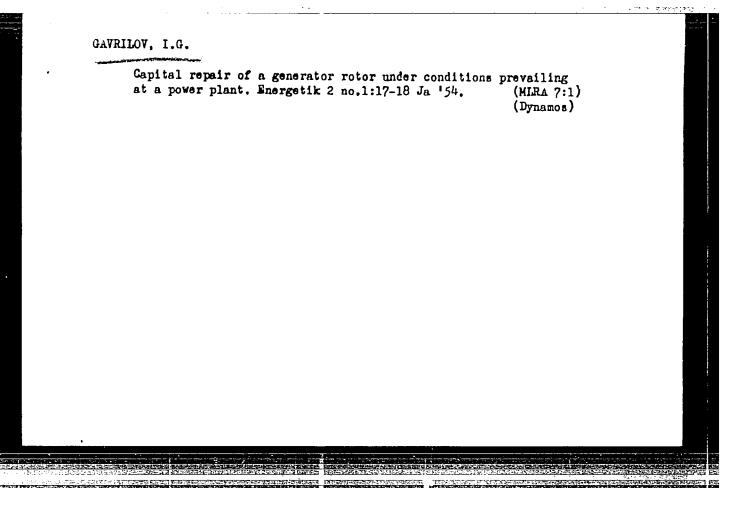






GAVRILOV, I.F., inzh.

Two seven-year plans fulfilled in seven years. Avt.dor. 28 no.8:3-4 Ag '65. (MIRA 18:11)



GAURILOU, I.G.

AID P - 2962

: USSR/Electricity Subject

Card 1/1 Pub. 29 - 12/35

Author : Gavrilov, I. G., Eng.

: An experiment with chlorination of cooling water Title

Periodical: Energetik, 5, 16-17, My 1955

Abstract : The author describes the water-chlorination system

designed and built by the power station personnel

in 1940. He gives data on its satisfactory operation.

Institution: None

Submitted: No date

CIA-RDP86-00513R000514430002-2" APPROVED FOR RELEASE: 08/23/2000

GAVRILOV, I.G.

We need further improvement of the biological education of secondary school students. Biol. v shkole no.2:40-42 Mr-Ap '63. (MIRA 16:4)

1. Nizhnetagil'skiy pedagogicheskiy institut.
(Riology—Study and teaching)

F	all excursion to a fore	st. Biol.v shkole no.	4:38-42 Jl-Ag '62. (MIRA 15:12)	
1	. Nizhne-Tagil'skiy peda (School excursions)	agogicheskiy institut. (Botany—Study a		

Experimental and practical work of students in a school rabbitry. Biol. v shkole no.1:56-59 Ja-F '63.

1. Nizhne-Tagil'skiy pedagogicheskiy institut.
(Rabbits)
(Zoology-Study and teaching)

A method in the theory of stabiltiy according to Lyapunov. Dokl. AN SSSR 84, No 4, 1952.